Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073121\
Data File : BN015739.D
Acq On : 31 Jul 2021 17:27
Operator : CG/JU
Sample : M2262-07
Misc : LOD-MDL-WTR-0.2ng
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

Manual Integrations APPROVED
mohammad
8/2/2021 3:48:49 PM

Quant Time: Aug 02 04:28:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN073021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 04:24:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	37224	0.400	ng		0.00
7) Naphthalene-d8	10.571	136	166880	0.400	ng		0.00
13) Acenaphthene-d10	14.421	164	88485	0.400	ng		0.00
19) Phenanthrene-d10	17.164	188	165943	0.400	ng		0.00
29) Chrysene-d12	21.376	240	157966	0.400	ng	#	0.00
35) Perylene-d12	23.714	264	166193	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.374	112	35357	0.354	ng		0.00
5) Phenol-d6	6.951	99	40784	0.337	ng		0.00
8) Nitrobenzene-d5	8.936	82	31461	0.300	ng		0.00
11) 2-Methylnaphthalene-d10	12.163	152	106920	0.425	ng		0.00
14) 2,4,6-Tribromophenol	15.905	330	10506	0.275	ng		-0.01
15) 2-Fluorobiphenyl	13.038	172	109859	0.324	ng		-0.01
27) Fluoranthene-d10	19.207	212	177739	0.406	ng		0.00
31) Terphenyl-d14	19.812	244	120647	0.314	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	3195	0.250	ng	#	96
3) n-Nitrosodimethylamine	3.724	42	4277	0.173	ng		96
6) bis(2-Chloroethyl)ether	7.218	93	21735	0.220	ng		99
9) Naphthalene	10.622	128	90081	0.207	ng		100
10) Hexachlorobutadiene	10.914	225	15797	0.207	ng	#	100
12) 2-Methylnaphthalene	12.238	142	59246	0.210	ng		99
16) Acenaphthylene	14.129	152	67735	0.174	ng		100
17) Acenaphthene	14.484	154	48507	0.192	ng		99
18) Fluorene	15.474	166	58587	0.190	ng		100
20) 4,6-Dinitro-2-methylph...	15.550	198	1133	0.089	ng	#	80
21) 4-Bromophenyl-phenylether	16.360	248	18289	0.189	ng	#	73
22) Hexachlorobenzene	16.482	284	21538	0.201	ng		99
23) Atrazine	16.640	200	13545	0.183	ng		97
24) Pentachlorophenol	16.823	266	6854	0.171	ng		99
25) Phenanthrene	17.212	178	93217	0.196	ng		99
26) Anthracene	17.297	178	79036	0.184	ng		100
28) Fluoranthene	19.237	202	98598	0.194	ng		100
30) Pyrene	19.599	202	98076	0.186	ng		100
32) Benzo(a)anthracene	21.355	228	89778	0.178	ng		99
33) Chrysene	21.408	228	97790	0.191	ng		98
34) Bis(2-ethylhexyl)phtha...	21.302	149	33306	0.125	ng		99
36) Indeno(1,2,3-cd)pyrene	26.113	276	117800	0.197	ng		96
37) Benzo(b)fluoranthene	23.002	252	101623	0.190	ng		100
38) Benzo(k)fluoranthene	23.050	252	115999m	0.201	ng		
39) Benzo(a)pyrene	23.608	252	91374	0.187	ng		100
40) Dibenzo(a,h)anthracene	26.134	278	99856	0.198	ng	#	88
41) Benzo(g,h,i)perylene	26.842	276	99005	0.190	ng		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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